

CARMEN HERRERA: LINES OF SIGHT TEACHER GUIDE

WELCOME TO THE WHITNEY!

Dear Teachers,

We are delighted to welcome you to the exhibition, *Carmen Herrera: Lines of Sight*, featuring fifty works by Carmen Herrera from 1948–1978. During this period, Herrera developed her distinctive style of geometric abstraction, employing a distilled palette of just two or three colors for each composition.

Herrera is a 101-year-old, Cuban-born artist with a nearly seven-decade-long career, most of it in the United States. This exhibition situates Herrera's groundbreaking abstract work in its proper place in the trajectory of art history. The show includes a selection of abstractions from Paris, a rare gathering of Herrera's important Blanco y Verde series, as well as paintings from the 1960s and 1970s and several of her three-dimensional works.

This teacher guide provides a framework for preparing you and your students for a visit to the exhibition and offers suggestions for follow up classroom reflection and lessons. The discussions and activities introduce some of the exhibition's key themes and concepts.

Our Guided Visits of this exhibition are free for New York City public schools. Please visit http://whitney.org/Education/K12 to sign up.

Guided Visits are now offered in Spanish! Sign up now! ¡Ahora se ofrecen visitas guiadas en español! ¡Inscríbete ahora! http://whitney.org/Visit/GroupTours

We look forward to welcoming you and your students at the Museum.

Enjoy your visit!

The School and Educator Programs team at the Whitney

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Cover image: Carmen Herrera, *Green and Orange*, 1958. Acrylic on canvas, 60 x 72 in. (152.4 x 182.9 cm). Collection of Paul and Trudy Cejas © Carmen Herrera; photograph by Chi Lam

CARMEN HERRERA: LINES OF SIGHT

"I believe that I will always be in awe of the straight line, its beauty is what keeps me painting."

—Carmen Herrera

Carmen Herrera: Lines of Sight presents the first in-depth examination of Carmen Herrera's early career, which spanned the art worlds of Havana, Paris, and New York from 1948 to 1978. During this time Herrera established a highly distilled, geometric style of painting that places her alongside the great abstract artists of the twentieth century. She eliminated all but what she considered to be the most essential in her works, collapsing figure and ground, color and form. As she has explained: "I had to forget about trimmings and go to the core of things."

Born May 30, 1915, in Havana, Cuba, Herrera studied art, art history, and architecture in Havana and Paris. In 1939 she married an American, Jesse Loewenthal, a teacher at Stuyvesant High School, and moved to New York City. From 1948 to 1953, Herrera and Loewenthal lived in Paris, and it was during her Paris years that Herrera developed her signature approach to abstraction. In these early works, Herrera straightened her contours and reduced her palette for each composition to three colors, then refined it further to just two colors. An important breakthrough came when she began treating the edges of the canvas and frame as compositional elements, thus positioning her paintings as objects hanging on a wall rather than illusionistic representations of something observed in the world.

Herrera's spare, unembellished paintings did not find a warm reception when she returned to New York in 1954, a time when the gestural works of the Abstract Expressionists still reigned. As both a woman and an immigrant, Herrera also faced significant discrimination in the art world. Nonetheless, she continued to paint, exploring the permutations within her self-prescribed limits of two-color compositions and clean lines.

The first section of the exhibition features works from 1948–1958, when Herrera experimented with different modes of abstraction before establishing the visual language that she would explore with great nuance for the succeeding five decades. An unprecedented gathering of works from what Herrera considers her most important series, *Blanco y Verde*, comprise the second section of the exhibition. The nine paintings from the series, spanning the years 1959–1971, highlight the groundbreaking ways in which Herrera conceptualized her paintings as objects, using the physical structure of the canvas as a compositional tool and integrating the surrounding environment. The final section features work dating from approximately 1962–1978, illuminating Herrera's continued experimentation with figure/ground relationships. Also included in this section are four sculptural works, which Herrera refers to as "estructuras" (structures). These wooden works, alongside several drawings from the 1960s, illustrate the architectural aspect of her vision and the way in which many of Herrera's paintings begin with a three-dimensional concept. The latest works in this section are seven paintings that comprise her *Days of the Week* series from 1975–78.

CARMEN HERRERA: LINES OF SIGHT (CONTINUED)

Since the late 1990s, Herrera has received increasing attention for her work. Today, at the age of 101, Herrera continues to work almost every day in her studio, focusing on a disciplined but highly sophisticated exploration of color and form.

Carmen Herrera: Lines of Sight is organized by Dana Miller, former Richard DeMartini Family Curator and Director of the Collection at the Whitney Museum of American Art.

Sources

Dana Miller, *Carmen Herrera: Lines of Sight*. Exhibition Catalogue. New York: Whitney Museum of American Art, 2016.

Exhibition wall text, Whitney Museum of American Art, 2016. Exhibition press release, 2016.

PRE-VISIT ACTIVITIES

Before visiting the Whitney, we recommend that you and your students explore and discuss some of the ideas and themes in the exhibition. We have included selected images from the exhibition, along with relevant information that you may want to use before or after your Museum visit. You can print out the images or project them in your classroom.

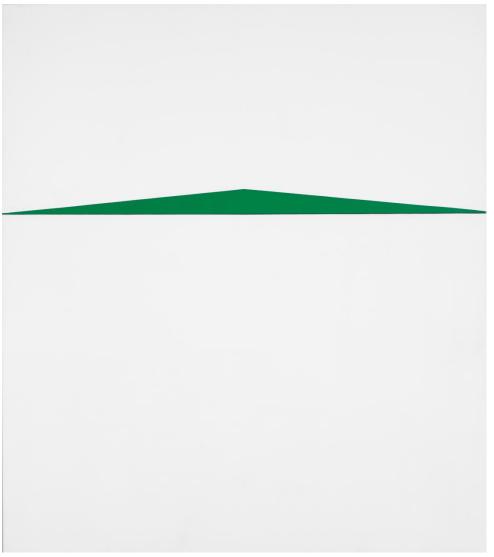
Pre-visit Objectives:

- Introduce students to abstract art and the work of Carmen Herrera.
- Introduce a selection of themes that students may discuss on their museum visit.
- Explore how Herrera developed her signature approach to abstraction.

1. Artist as Experimenter: Abstraction

- a. An abstract work of art is not recognizable as a picture of a person, place, or object. Abstract art is sometimes described as non-objective, but it may be based on an emotion, a sensation, or an aspect of the real world that has been simplified, generalized, distorted, or rearranged. Ask your students what the words abstract art mean to them. After discussing their ideas, look at Carmen Herrera's painting *Blanco y Verde*, 1959 on page 6. Ask students to describe and discuss this work. What lines and shapes do they see? How are the lines and shapes arranged? What colors does the artist use? How does color affect the lines and shapes in the composition? What type of space does the triangle shape occupy—is it flat or illusionistic? Do students think that the composition is entirely abstract? Why or why not?
- b. Ask your students to view and discuss a small selection of abstract works by artists in the Whitney's collection. For example, Ellsworth Kelly, Agnes Martin, Barnett Newman, Georgia O'Keeffe, and Frank Stella. Use the links in the bibliography on page 16 to find images of works by these artists. Ask students to describe and discuss each work and compare them to Herrera's Blanco y Verde, 1959. What similarities can they find? How are the works different?

BLANCO Y VERDE, 1959



Carmen Herrera, *Blanco y Verde*, 1959. Acrylic on canvas, 68 1/8 × 60 1/2 in. (173 × 153.7 cm). Whitney Museum of American Art. Purchase, with funds from the Painting and Sculpture Committee. Art © Carmen Herrera; courtesy Lisson Gallery

In 1959 Herrera made the first of her Blanco y Verde paintings. The extended series spans twelve years, and the artist regards it as among her most important bodies of work. Each of the fifteen known extant paintings in the series is a stunning iteration of a set of basic principles: rectangular compositions in green and white with triangular wedge forms. It is as if Herrera were turning over a block in her mind and excising slivers, like a jeweler cutting facets in a stone. Herrera described the color pairing as "like saying yes and no."* She made this painting from two canvas panels that meet at the bottom of the green triangle. In the top panel, the triangular wedge seems to cut into the canvas; the lower panel is a monochromatic white rectangle.

^{*}Conversation with Dana Miller, February 18, 2014.

2. Artist as Observer: Positive and Negative Space

Positive space refers to the subject or areas of interest in an artwork, such as a person's face or figure in a portrait, the objects in a still life painting, or the trees in a landscape painting. Negative space is the background or the area that surrounds the subject of the work.

- a. Explore and discuss positive and negative space with your students. Talk about where students might have noticed positive and negative space in their own lives. For example, objects in their classroom, on company logos, Tshirts, and other clothing, in advertising, food labels, and children's books. Ask them to look at the objects around them in their classroom, such as a desk or chair, and identify the positive and negative spaces.
- b. Explore how Carmen Herrera has used shapes and color to create positive and negative space in her paintings. Ask your students to view and discuss Herrera's painting *lberic*, 1949 on page 8 and *Green and Orange*, 1958 on the cover of this guide. What shapes do they notice? Which shapes seems to pop out or recede in space? Why?
- c. Students can experiment with positive and negative space by making shapes with their hands, shadow silhouettes on a wall, or by sketching the objects in their classroom. If students make sketches, ask them to try drawing only the negative spaces that surround an object such as a desk or chair. Students could fill in the negative space by shading with a pencil or use color (e.g. red/green, blue/orange, yellow/purple, black/white) to define the positive and negative space in their sketch.

IBERIC, 1949



Carmen Herrera, *Iberic*, 1949. Acrylic on canvas on board, diameter: 40 in. (101.6 cm). Courtesy the artist and Lisson Gallery © Carmen Herrera

Carmen Herrera explored various styles of abstraction while she was living in Paris from 1948 to 1953. Her first use of preparatory drawings and tape as a masking tool, as well as the arrival of acrylic paint in Paris, enabled her to create geometric compositions and hone the precision of her lines. The dynamic shapes and colors of this tondo* painting and other paintings of Herrera's Paris period were inspired by the work of Latin American and European artists with whom she exhibited at the Salon des Réalitiés Nouvelles, an annual exhibition devoted exclusively to abstract art.

^{*}Tondo is a Renaissance term for a circular work of art.

3. Artist as Experimenter: 3D Drawing and Geometry

"I wouldn't paint the way I do if I hadn't gone to architecture school. That's where I learned to think abstractly and to draw like an architect."

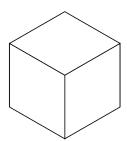
-Carmen Herrera

Conversation with Dana Miller, October 10, 2014.

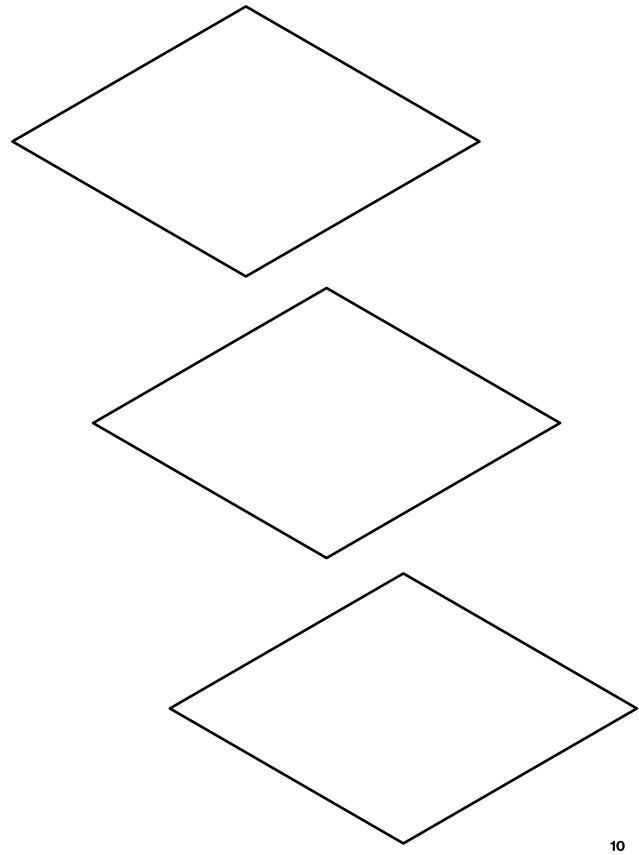
To develop her hard-edged style of abstraction, Carmen Herrera has undertaken a disciplined, but highly sophisticated exploration of color and form. Herrera studied architecture for only one academic year, but this experience had a profound effect on her. The basic tenets of drafting that she learned in her introductory classes at the Universidad de La Habana enabled her to imagine a three-dimensional form and translate it into two dimensions, onto paper or canvas.

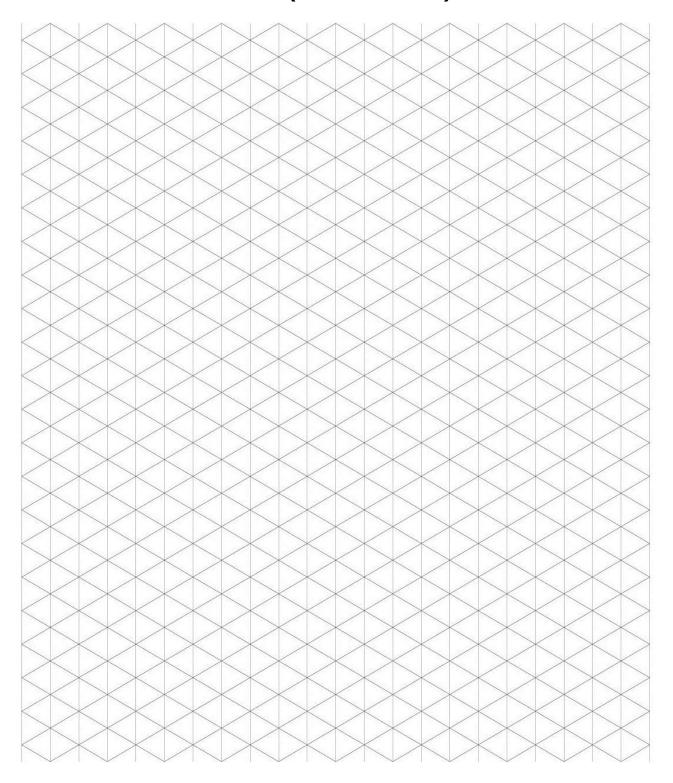
Inspired by the advice of her fellow artist and friend Barnett Newman "not to make something, and then think about it, but to think about something, and then make it," Carmen Herrera often spends weeks on preliminary drawings, trying out different shapes and compositions and making precise mathematical calculations before embarking on a painting. The preparatory drawings that she makes for each painting reveal how Herrera often thinks in three-dimensional terms, and then transforms that image into two-dimensions.

a. Print out the template of three diamond shapes on page 10. Ask students to cut out the diamonds and experiment with them to make a three-dimensional cube. Have them choose three different colors for each diamond shape. When students have finished coloring their diamonds, have them tape or glue their cubes together and display them on a wall so that they form one large image. What effect does their large image have on the classroom space?



b. This project is recommended for older students. Isometric shapes visually represent three-dimensional objects in two dimensions in architectural, technical, and engineering drawings. For example, in a cube, the three coordinate axes appear equally foreshortened and the angle between any two of them is 120 degrees. The drawing may look distorted because the scale of features that appear further away is the same as features that appear closer. An isometric grid consists of vertical lines and diagonal lines at 120-degree angles that can be used as a template to draw 3D objects. Print the isometric grid on page 11 and ask your students to use it to draw a simple, geometric object such as their mobile phone, other electronic device, or an open book. For more information on isometric drawing, use the resources on page 16.





POST-VISIT ACTIVITIES

Objectives

- Enable students to reflect upon and discuss some of the ideas from the exhibition.
- Have students further explore some of the artist's work through discussion and artmaking.

AMARILLO "DOS", 1971



Carmen Herrera, *Amarillo "Dos"*, 1971. Acrylic on wood, 40 x 70 x 3 1/4 in. (101.6 x 177.8 x 8.3 cm). Maria Graciela & Luis Alfonso Oberto Collection © Carmen Herrera

In the late 1960s, Herrera began a small series of three-dimensional works she named the Estructuras (Structures). She hired a carpenter to create the structures—first in Styrofoam and then in wood. According to Herrera, these Estructuras were based on previous paintings that were "really crying out to become sculpture."* To make the Estructuras, Herrera sliced into single-colored solids, leaving wedges of negative space. She envisioned these works in an environmental sense, using the surrounding walls as part of the composition. She explained, "The hard edges of these 'wall structures' are formed by *space*."**

^{*}Carmen Herrera, in "Carmen Herrera: Artist in exile, Part 3," YouTube video, 9:22, episode three of four from Ray Blanco, Artist in Exile: Carmen Herrera, broadcast by PBS, 1994, posted by Frederico Sève Gallery, December 10, 2009, https://www.youtube.com/watch?v=yzQvAAPrsxw

^{**}Carmen Herrera, application for Guggenheim fellowship, 1970.

1. Museum Visit Reflection

After your museum visit, ask students to take a few minutes to write about their experience. What new ideas did the exhibition give them? What questions do they have? Ask students to share their thoughts with the class.

2. Artist as Experimenter: Object and Color, Color and Object

- a. With your students, view and discuss *Amarillo "Dos"*, 1971 on page 12. How is this work different from Herrera's paintings? In what ways is it similar? For older students: what do they notice about positive and negative space in this work? Why do students think Herrera experimented with three dimensional space?
- b. Have students use the initials of their first & last names to make a cardboard wall structure or free-standing sculpture with the two letter shapes. Use single face corrugated cardboard that is smooth on one side. You can score this cardboard with a ballpoint pen and cut it with scissors.
 Use paper tape or glue to combine the cardboard shapes together.
 http://www.uline.com/BL_1902/Corrugated-Wrap
- c. For younger students: Draw and cut out two cardboard shapes that are the same size. Glue the cardboard shapes to the rim and the base of a paper cup so that the cup acts as a stabilizing structure. Ask students to use one or two colors to paint their sculptures.

 See this video for reference: https://www.youtube.com/watch?v=bqREt8LKU7Y

FRIDAY, 1978



Carmen Herrera, Friday, 1978. Acrylic on canvas , 62 x 42 in. (157.5 x 106.7 cm). Courtesy the artist and Lisson Gallery © Carmen Herrera

In 1975 Carmen Herrera began a series of seven paintings titled Days of the Week. Each painting evokes a sense of the distinctive character of the specific day. The seven works possess a sculptural presence, with black juxtaposed against vivid color, and the shapes and mechanics of balance vary from composition to composition. For *Friday*, Herrera added a spacer to the painting's stretcher to increase depth. The orange shapes in this painting might be seen as the corners of two rectangular forms that have shifted apart and slipped off the edges of the canvas.

POST-VISIT ACTIVITIES CONTINUED

3. Artist as Experimenter: Color, Form, Edge

- a. Ask your students to view and discuss *Friday*, 1978 on page 14. Have students imagine that they are looking at this painting from above. What do they notice? Discuss the title of this work. Is there anything that makes students think about this particular day of the week? Does this painting reflect any of the ways they think of or feel about Fridays? Other days of the week? What colors do they associate with the days of the week? Why? What do these colors mean to them?
- b. Students could work individually or in pairs for this project. Ask your students to choose two different colored sheets of 9" x 12" construction paper. Younger students could choose opposite colors such as light/dark, warm/cool, or "yes" and "no" colors as Herrera described the color pairing of green and white in her Blanco y Verde series (Conversation with Dana Miller, February 18, 2014.) Have students use one sheet as the background and cut out a large, simple, geometric shape of their choice from the other sheet. First have students place their geometric shape in the center of the sheet of construction paper. Is it interesting to look at? Why or why not? Next, have them experiment with placing the shape somewhere else in the composition. For example, along the edge of the other piece of construction paper. What do they notice? Is one composition more interesting or dynamic than the other? Why? When students are happy with their composition, have them glue it down.
- c. Ask students to display their work together on a classroom wall. Have them determine where their work will be displayed and how it will be arranged. When the display is complete, view and discuss students' collages. Did the choice of where the collages will be displayed affect the way students see them? In what ways? How do the students' collages interact with the classroom space?

BIBLIOGRAPHY

Dana Miller, *Carmen Herrera: Lines of Sight*. Exhibition Catalogue. New York: Whitney Museum of American Art, 2016.

http://whitney.org/Exhibitions/CarmenHerrera

Exhibition information and press clips.

http://whitney.org/WatchAndListen/AudioGuides?play_id=1237

99 Objects: Dana Miller on Blanco y Verde, 1959 by Carmen Herrera.

https://www.voutube.com/watch?v=7InocPdGzHA

https://www.youtube.com/watch?v=iQNWpKS9xM0

https://www.youtube.com/watch?v=yzQvAAPrsxw

Ray Blanco, Carmen Herrera: Artist in Exile, Part 1-3, videos posted by Frederico Sève Gallery.

Ellsworth Kelly http://collection.whitney.org/object/2423

Agnes Martin http://whitney.org/Exhibitions/AmericalsHardToSee?&artwork_id=13475&filter_id=26

Barnett Newman http://collection.whitney.org/object/12937

Georgia O'Keeffe http://collection.whitney.org/object/1386

Frank Stella http://collection.whitney.org/object/2965

http://www.technologystudent.com/prddes1/drawtec2.html'

http://web.mit.edu/16.810/www/Isometric%20Drawing.pdf

Information about isometric drawing.

AT THE MUSEUM

Guided Visits

Guided visits are one hour and ten-minute thematic tours that build upon classroom learning. We introduce students to three to five works of art through careful looking, discussions, and activities that incorporate the artist's voice and process. Museum educators lead inquiry based conversations as well as sketching or writing activities in the galleries. To schedule a visit, please go to http://whitney.org/Visit/GroupTours.

Guided Visit Themes

School Programs uses a thematic-based approach to teaching in the galleries. We created these themes in order to foster thoughtful connections between K-12 classroom learning and the art on view. When you schedule a guided visit, you will be able to choose one of the following themes.

Artist as Observer (K-12)

How do artists represent the world around them? How do they choose to show people and places? This theme can address topics including New York City, community, landscape, and portraiture. This is a great thematic tour for first-time visitors as it incorporates visual literacy skills and introduces students to multiple ways of looking at and talking about art.

Artist as Storyteller (K-12)

How do artists tell a story? What is their point of view? This theme addresses ELA concepts such as narrative, tone, character, and setting and is recommended for literacy and writing classes.

Artist as Experimenter (K-12)

How do artists push boundaries and explore new concepts? This theme examines how artists experiment with materials, processes, and ideas. Younger students may look at how artists use formal elements such as line, shape, color, texture, and composition, or how they transform everyday objects. Older students may consider more conceptual questions, such as "What makes this art?" and "Why is this in a museum?"

Artist as Critic (6-12)

How do artists respond to the social, political, and cultural climate of their time? What does their work tell us about American life and culture? How can art serve as a catalyst for change? Students examine how artists respond to the topics that shape history, politics, and contemporary culture. This thematic tour can address subjects such as current events, war, gender, race, politics, and activism.

AT THE MUSEUM (CONTINUED)

Working with Museum Educators

If you are scheduled for a Guided Visit, your museum educator will call you to schedule a previsit to your classroom and discuss the lesson. Let them know what preparatory work you have done, how this connects to the rest of your curricula, and what you would like your visit to focus on. The more you tell them, the better they can prepare for your visit. Please also let them know if your students have any specific needs.

All educators and students who have a Guided Visit will receive a pass which offers free admission to the Whitney during the school year.

High school non-guided visits

High School students are welcome to visit the museum during public hours in a self-guided capacity. Non-guided visits must be scheduled in advance. A maximum of 50 students may arrive at the museum together and must then divide into small groups (no more than 4 students per group) to visit the galleries. One chaperone must accompany 15 students.

Discuss museum rules with students before your visit. We have found that works of art are more accessible if students are provided with some structure or direction, and we recommend giving students a task to complete while in the galleries. You may want to create a worksheet, free-writing or poetry activity, or a sketching assignment.

whitney.org/ForTeachers

Check out our web resources especially for K-12 teachers! Here you can explore the Whitney's collection, try out an activity with your students, prepare for a Museum visit, and learn some tips for working with modern and contemporary art. For Teachers also includes discussion, research, art making and writing activities, downloadable teacher guides, and links to related websites.

We look forward to welcoming you and your students to the Whitney!

ABOUT THE WHITNEY'S BUILDING

The Whitney's building opened on May 1, 2015 and was designed by architect Renzo Piano. His design was inspired by the industrial character of the neighboring buildings in the Meatpacking District. There's art all over the Whitney: in the galleries, stairwell, first-floor lobby, and on the outdoor terraces, which offer awesome 360 degree views of the city. Artist Richard Artschwager designed the building's four elevators. Titled *Six in Four*, the elevators are based on six themes that occupied Artschwager's imagination from the mid-1970s throughout his artistic career: *door, window, table, basket, mirror, rug.* Each elevator is an immersive installation comprised of one or two of these themes.

The Laurie M. Tisch Education Center

For the first time in its history, the Whitney has a dedicated space for education. The Laurie M. Tisch Education Center is a hub of activity where visitors of all ages can engage with artists and enliven and enrich their museum experience. Centrally located on the Museum's third floor and adjacent to the Susan and John Hess Family Gallery and Theater, the Laurie M. Tisch Education Center brings visibility to the educational mission of the Whitney and also provides opportunities for museum educators to work in new ways, offering audiences drop-in programming, hands-on learning, as well as in-depth and interdisciplinary programming.

Feedback

Please let us know what you think of these materials. Email us at schoolprograms@whitney.org. For more information about our programs and resources, please visit whitney.org/Education.

LEARNING STANDARDS

The projects and activities in this teacher guide address national and state learning standards for the arts, English language arts, social studies, and technology.

The Partnership for Twenty-first Century Learning Skills

http://www.p21.org/

Common Core State Standards

http://www.corestandards.org/

Links to National Learning Standards

http://www.mcrel.org/compendium/browse.asp

Comprehensive guide to National Learning Standards by content area

http://www.education-world.com/standards/national/index.shtml

New York State P-12 Common Core Learning Standards

http://www.engageny.org/resource/new-york-state-p-12-common-core-learning-standards

New York City Department of Education's Blueprint for Teaching and Learning in the Arts http://schools.nyc.gov/offices/teachlearn/arts/blueprint.html

CREDITS

This Teacher Guide was prepared by Dina Helal, Manager of Education Resources; Mark Joshua Epstein, Whitney Educator; and Heather Maxson, Director of School, Youth, and Family Programs.

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